

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION III
841 Chestnut Building
Philadelphia, Pennsylvania 19107

SUBJECT: Photochemical Assessment Monitoring Stations (PAMS) Network Plan -- State of Virginia **DATE:** 3-22-95

FROM: Victor Guide, Chief
Philadelphia Operation Section
Environmental Services Division *Victor Guide*

TO: John Daniel, Acting Director
Air Monitoring Division
Virginia Department of Environmental Quality

The Philadelphia Operations Section, EPA Region III, and the Emissions, Monitoring, and Analysis Division OAQPS have reviewed the PAMS Network Plan submitted by the State of Virginia for the Washington, D.C., ozone nonattainment area. The PAMS network for this area is depicted in the attached table.

The resulting approved network for Virginia's portion of the Washington, D.C., network would consist of a single #1 Site located at Corbin, Virginia (Fort A.P. Hill). Surface meteorological monitoring at a remote site 8 miles south of Corbin is not proximate to the PAMS Site and is therefore not approved. It is suggested that the State pursue a meteorological monitoring site closer to or coincident with the PAMS Site at Corbin.

The second site proposed for northern Virginia as a secondary #2 PAMS Site does not appear to fall in the secondary morning wind direction for the District of Columbia and, therefore, cannot be approved unless additional justification demonstrating the appropriateness of this site can be remitted.

If you have any questions or wish to discuss this review in further detail, please contact Nash Gerald at (919) 541-5652 or me at (215) 597-1602.

Attachment

cc: Elaine Wright (3AT00)
Marcia Spink (3AT00)
David Arnold (3AT13)
Randy Pomponio (3ES00)
Robert Kramer (3ES10)

PAMS NETWORK
State of Virginia

SITE	LOCATION	PROPOSED VOC SAMPLING FREQUENCY	DATE ESTAB	COMMENTS
#1	Corbin (Fort A.P. Hill)	VOC - 8 3-hour samples every 3rd day 1 24-hour sample every 6th day	1993	Approved as a #1 Site for the District of Columbia. Met monitoring site, located 8 miles south, is not proximate to the PAMS site and cannot be approved.
#2A	Northern Virginia (specific site yet to be chosen)	VOC - 8 3-hr. samples every day 1 24-hr. sample every 6th day year-round Carbonyls - 8 3-hr. samples per day	1997	This site does not appear to fall in the secondary morning wind direction for the District of Columbia and therefore cannot be approved as a #2A Site. The 1 24-hour sample every 6th day for carbonyls year-round is missing.